VIII. *A* Catalogue *of* Shells, *&c. gathered at the* Iſland *of* Aſcention, *by Mr.* James Cuninghame *Chirurgeon, with what* Plants *he there Obſerved*; Communicated *to Mr.* James Petiver *Apothecary, and* Fellow *of the* Royal Society.

I Intend to range the following *Shells*, according to the accurate *Method* of that moſt *Sagacious Naturaliſt* and *Expert Phyſitian* Dr. *Martyn Liſter*, in his Elaborate and curious *Hiſtoria* ſive *Methodus Conchyliorum*, and ſhall therefore begin with,

1. *Buccinum* parvum brevè aſperum.

This comes next of Kin to that which Dr. *Liſter* kept alive in his *Garden* a whole *Summer* or more, which was brought him from *Jamacia*, by that *Induſtrious Promoter of Natural knowledge Dr.* Hans Sloan, and very nearly Reſembles, if not the ſame, as Dr. *Liſter* himſelf aſſerts, with that variety which he has Figured in his excellent *Hiſtoria Conchyliorum* Lib. 1. below *Num.* 28. without a name; it being leſs, the Nodes ſharper, and not Umbilicated. *Liſt. Hiſt. Conch. l. 1. Fig. 28.*

2. Pecten *ex rubro alboque faſciatus, nodis inflatis ſtriatus. an?* P. *ruber ſtriis circiter* 10 *nodoſis, ſive bullatis & inequalibus donatus*, Liſt. *Hiſt. Conch.* l. Fig. 24. 2. 3. *Liſt Hist Conch. lib. 3. Fig 24.*

3. Oſtrea *rupeſtris ſulcata, capite cavo.* 3.

4. Spondylus *fere ruber muricatus* Liſt. *H. C. l.* 3. Fig. 40. 4.

Theſe are alſo found on the *Barbadoes* Shore, yet rarely in Pairs and entire, the only one I have yet obſerved, is in the incomparable *Muſeum* of that moſt

Curi-

Curious Preſerver of both *Natural* and *Artificial Rarities*, and my Worthy Friend, Mr. *William Charlton* in the *Middle Temple.*

5. 5. Pectunculus *albus, parvus, ſtriatus & faſciatnus.*

6. 6. Pectunculus *albus compreſſus, rugis faciatus. an. ?* P. *orbicularis planior rugoſus* Liſt. *H.* C. l. 3. Fig. 119.

Liſt. H. C. l. 3. F. 119.

7. 7. Pectunculus *triquetrus albus, ſtriatus, undis rufeſcentibus.*

Liſt. H. C. l. 3. F. 153. Bon. p. 111. Fig. 94. The 94*th. Figure* in the 2*d. Claſs* of *Bonannus* his *Shells*, exactly Reſembles this, it is alſo next of Kin to Dr. *Liſters* Jamaica *one*, figured in his *Hiſt. Conch.* l. 3. pag. 153.

8. 8. Muſculus *arcuatus major, ſulcis profundior ſtriatus. an ?* M. *anguſtior craſſioribus ſtriisdonatus, undatim depictus*, Liſt. *H. C.* l. 3. *Fig.* 209.

Liſt. H. C. l. 3. Fig. 209.

9. 9. Muſculus *triquetrus albus minor cancellatus.*

Liſt. H. C. l. 3. Fig. 69. This is much larger then the *Garnſey* Shell, which Dr. *Liſter* has Figured in his *Hiſt.* C. *l.* 3. *Fig.* 69. otherwiſe very like it, and therefore it may rather be that above it, Figured in the ſame Page, under *Num.* 67. without a Name.

10. 10. Balanus *compreſſus albus*, 6 *fiſſuris, ſulcatus.*

11. 11. Patella *foraminoſa minor*, *ſtriis ex albo rubroq; alternis.*

12. 12. Vermiculus, *circumflexus albicans, ſuperne ſtriatus.*

Bon. p. 92. Fig. 20. Lit. B. This ſeems very much to Reſemble that which *Philippus Bonannus* in his *Recreatio Mentis & Oculi* hath *Figured* under *Num.* 20. Lit. *B.* of his *Firſt Claſs*, pag. 92.

13. 13. Nerita *bidens faciis ſulcatis, ex albedine nigroq; ſtriata, clavicula productiore.*

Liſt. H. C. l. 4. Sect. 6. Fig. 1. This may be one of thoſe Figured in the 1*ſt.* Chapter, *Liſteri* Hiſt. Conch. *lib.* 4. *Sect.* 6. *De Nerits* dentatis, claviculâ paululum prominente, but the diſtinctions of ſome

ſome of them are ſo nice, that I dare not yet be poſitive which of them it certainly is.

14. Concha. Venerea *media Caſtanei coloris, utroq; capite bimaculato.*

15. Buccinum Perſicum *parvum, ſtriatum, fuſcum, ore trimaculato.*

16. Buccinum *dentatum læve ſubrufum, faſciis interſectis ſive maculatis depictum*, Liſt. *H. C.* l. 4. Sect. 11. Fig. 41.

This *Shell* was 1 Inch ¼ long and near ½ thick, it's ground pale Brown, faſciated with darker ſpots, often ſeparated by lighter, croſs the Middle of the upper Whirle is a Remarkable pale Liſt, beſet with Arrow-headed Brown Marks: The *Mouth* is Canulated along the left Lip; the Middle of the other ſide is ſmooth, the top ſomewhat Warted, but at the lower part which is near the Middle of the *Shell* is one very conſpicuous Ridge, attended underneath with a ſmaller, by theſe a dead *Shell* may be eaſily known.

I have Received theſe alſo from *Barbadoes*, as hath Dr. *Liſter* from *Jamacia*. *Place.*

Buccinum *bilingue majus, tenue, ex rufo nebulatum Muricatum* Liſt. *H. C. l.* 4. *S.* 12. Fig. 17. *Liſt.* Hiſt. C *l.* 4. *S.* 12. *Fig.* 17.

A very fair Shell of the ſame, but much leſs, was gathered on the *Iſland* of *Flores* in the *Eaſt-Indies* by Mr. *Rowlſton Jacobs*. *Place.*

Buccinum *roſtratum faciis elatis ore criſpo.*

This ſeems to be Figured in Dr. *Liſter*, his *Hiſt.* Conch. *l.* 4. S. 14. under *Numb.* 36. without a Name. 18. *Liſt.* H. C. *l.* 4 *S.* 14. *Fig.* 36

Buccinum *nodis ornatum, coſtis iiſdem alatis, ore criſpo & aſpero.* 19.

Dr. *Liſter* has Figured Three or Four of this Species in his Fourth Book, 14*th. Section* at *Num.* 38. *&c.*

20. Dr. *Grew* his leſſer *Perſian Wilk*, with furrowed Lips. *Mus : Reg. Soc.* 127. Tab. 9. Fig. *Dorſ.* and *Ventr.*

Buccinum *recurviroſtrum ventricoſum, labro pulvinato, variegatum ſtriatum, magnis preterea ſulcis ad claviculam donatum* Liſt. *H. C.* l. 4. S. 15. Fig. *D.* 57.

Turbo *auritus Muricatus* Bonan, *pag.* 132. Fig. *D. & V.*

This *Author* ſays, the *French* call this *Shell* the *Purſe*, becauſe there is joyn'd to it's long and narrow Mouth, (one of whoſe Lips is tooth'd, the other notched) a Globular puff, like a full *Bag*, or *Purſe*.

The *Figures* in all theſe *Authors* have *reverſe Poſ-*
N. B. *tures*, and muſt therefore be viewed on the back ſide of the Paper, holding it between the Eye and the Light, and then you ſee it in it's Natural poſition.

To the *Shells* we add

Our ſmall Warted *Barbadoes* Sea Egg.

21. Echinus *Ovarius* Barbad. *verrucis plurimis minoribus*
Mus. Petiver Mus. Petiver. 123.
123. The *Spines* of theſe are *Purpliſh*, eſpecially the *Tips*, the largeſt I have yet ſeen, exceed not a *Crow-quill* in thickneſs, and are ſcarce an Inch long; they end pointed, and are finely ſtriated if ſtrictly viewed. The naked Shell of this was ſomewhat more than ſix Inches in Circumference, and about 5 *Broadways* and $5\frac{1}{2}$ *Lengthways.*

We come now to the Vegetables, *&c.* Viz.

Chamæſyce *frutеſcens elatior floribus comoſis.*

22. This chiefly differs from the *Eaſt* and *Weſt-India* ſorts of this Species, in having all it's *Flowers* at the top only, and theſe in Cluſters, ſomething Reſembling our *Lauruſtinus*

Cha-

Chamæſyce *fruteſcens humilior floribus comoſis.* 23.

The *Flowers* and *Seeds* of this grow like the laſt in Cluſters, at the top of each Sprig only, the *Leaves* grow alſo in pairs, but much cloſer together; this is more Branched, and ſeems Shrubby, the Stalks being Woody; yet the *Sprigs* much ſhorter, many of them not more then 1 Inch and ½ from the Woody Stalk; and yet plentifully in *Flower.*

Indian Forked Leav'd *Sea Bindweed.* 24.

Soldanella *Malabarica cordato folio* Mus. Petiver. 98. *Mus.* Petiver. 98. Convolvus *maritimus majore folio* Chinenſis Pluk. *Tab.* 24. *Fig.* 5. *Marinus Catharticus folio rotundo, Plum.* p. 89. *Fig.* 104. *Pluk.* 24. *f.* 5. *Plum.* 89. *f.* 104. *Ind. Pis* 103.

Though I have often times ſeen the Leaves of theſe whole, at the point; yet they are generally found *Forked,* and ſometimes very large. C. 69. Fig.— *Ed.* 2. *p.* 258. *H. Manies.* 51. *Pl.* 3. *F.* 8. 89. *Pl. Mal. V.* 11.

Ketmia *fœtida flore lateo fundo purpureo.* Tab. 57. *pag.* 117.

The *Leaves* of this, are ſomewhat like our *Black-poplar,* they are often Notched, but not jagged like the common kind of *Shrub Mallows,* which grows in moſt *Gardens* with us; of which this ſeems a true Species, *Viz.* Of the *Alcea* Arboreſcens glabra *Ketmia* dicta, I B. V. 2. *l.* 23. *p.* 957. Whoſe name I follow to diſtinguiſh it from the *Althea's* and *Aleca's,* amongſt whom it has hitherto been falſly plac't, they having *naked Seed,* and this a *Capſule.* SL. *Jam.* 57. H. 2. Alm. *Bot.* 1 *&* 4 *Pl.* 112. *Ray* H. 726. *Pl.* 14. 25.

Feſtuca *Junceis foliis, ſpica minus ſparſa, ariſtis trifidis. an?* Gramen *Avenaceum paniculâ minus ſparsâ, cujus ſingula grana* 3 *ariſtas longiſſimas habent* SL. Jam. 35. *pl.* 5. 26. SL. *Jam.* 35. *Pl.* 5.

The *Roots* are all *Fibres,* whitiſh and unbrancht, the *Leaves* long and narrow like ſmall *Ruſhes,* the *Spike* very much Reſembles *our Capons tail Graſs,* which grows with us pretty common on the *Brick-walls* about *London;* but what in this is moſt Remarkable is, that each *Deſcription.*

gluma or *husk*, terminates in three Awns, two of which are even, the other ſomewhat longer.

Place. This ſame Grais Mr. *George Stoneſtreet* brought me ſome time ſince from this ſame *Iſland*. Dr. *Sloan* hath alſo obſerved one very like it near the *City* of *Funchal* in the *Iſle* of *Maderas*.

Theſe are all the *Plants* except *Purſlain*, which this *inquiſitive Perſon* could find at this *Iſland*, What he elſe *obſerved* is as follows, *Viz.*

27. Corallium *album minus Conglomeratum.*

This ſeems a Congeries or Cluſter of *our ſmall White* Engliſh *Coral* Clung together, and which is often Cruſted over with the ſame ſubſtance.

28. Spongia *globoſa reticulata Coralloides.*

This grows very like *our common Branched Coraline Moſs*, and exactly Reſembles Mr. *Doody's* Pſeudoſpongia *Coralloides*, Ray's *Synops.* Edit. 2*d.* pag. 346. but this gives way as other *Sponges*, whereas his is brittle.

Ray Syn. Ed. 2. *pag.* 346. *Pl.* 3.

This I found in the hollow of a dead *Echinus*, brought from *Aſcention.*

29. Terra *Spongioſa nigricans*, *Carbonibus exuſtis perſimilis.*

This is what ſeveral parts of the *Earth* is covered with, and in many Places it lies in Heaps, it's very light and porous, exactly Reſembling a *Cinder* or *Burnt-Coal.*

30. Glareola *Maritima* Perlata.

Inſtead of fine *Sand*, the Shoar here is Stored with this ſort of *Gritt* or ſmall *Gravel*, a great part of which is ſmooth and ſhining like *Millet* Seed or *Pearl.*